

NEFTEL
Appl. No. 10/501,394
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AMENDMENTS TO THE ABSTRACT:

Please replace the Abstract submitted herewith on a separate sheet for the Abstract which was originally filed on July 15, 2004.

ABSTRACT OF THE DISCLOSURE

The invention relates to a peritoneal dialysis sampling system to be used together with a peritoneal dialysis system which is programmed to deliver fluid to a peritoneal cavity of a patient and to drain the fluid from the cavity. The peritoneal dialysis system comprises a supplying line and supplying means for supplying dialysis fluid to the peritoneal cavity, a draining line and draining means for draining the fluid from the cavity, wherein the peritoneal dialysis sampling system comprises an automatic sampling system which is able to automatically sample volumic fractions of the dialysate contained in the peritoneum of the patient at specific time intervals in order to evaluate the peritoneal membrane characteristics and/or improve the peritoneal dialysis for a given patient.